(12) **United States Patent**
Jerauld

(10) **Patent No.:** **US 9,019,174 B2**
(45) **Date of Patent:** **Apr. 28, 2015**

(54) **WEARABLE EMOTION DETECTION AND FEEDBACK SYSTEM**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **13/665,477**

(22) Filed: **Oct. 31, 2012**

(65) **Prior Publication Data**

US 2014/0118225 A1 May 1, 2014

(51) **Int. Cl.**
G09G 5/00	(2006.01)
A61B 5/11	(2006.01)
G06F 3/01	(2006.01)
A61B 5/00	(2006.01)
A61B 5/16	(2006.01)
G02B 27/01	(2006.01)

(52) **U.S. Cl.**
CPC . *A61B 5/11* (2013.01); *G06F 3/011* (2013.01); *A61B 5/486* (2013.01); *A61B 5/165* (2013.01); *G02B 27/017* (2013.01); *G02B 2027/0138* (2013.01); *G02B 2027/0178* (2013.01); *G02B 2027/014* (2013.01)

(58) **Field of Classification Search**
CPC G02B 27/01–27/0189; G02B 2027/01–2027/0198
USPC 345/7–9
See application file for complete search history.

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(57) **ABSTRACT**

A see-through, head mounted display and sensing devices cooperating with the display detect audible and visual behaviors of a subject in a field of view of the device. A processing device communicating with display and the sensors monitors audible and visual behaviors of the subject by receiving data from the sensors. Emotional states are computed based on the behaviors and feedback provided to the wearer indicating computed emotional states of the subject. During interactions, the device, recognizes emotional states in subjects by comparing detected sensor input against a database of human/primate gestures/expressions, posture, and speech. Feedback is provided to the wearer after interpretation of the sensor input.

20 Claims, 26 Drawing Sheets